

PATENT APPLICATION  
MP1740-US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	) Group Art Unit: Not yet known
	)
LATHAM II et al.	) Examiner: Not yet known
	)
Application No. Not yet known	) TYCO ELECTRONICS CORPORATION
	) 307 Constitution Drive
Filed: Herewith	) Menlo Park, CA 94025
	)
For: INTEGRATED DEVICE PROVIDING	) October 20, 2003
CURRENT-REGULATED CHARGE	)
PUMP DRIVER WITH CAPACITOR-	)
PROPORTIONAL CURRENT	)

DISCLOSURE STATEMENT UNDER 37 CFR § 1.56

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In fulfilling the duty of candor and good faith, the following documents are hereby disclosed to the Patent Office in accordance with 37 CFR § 1.56. It is not admitted that the information in the listed documents is material to patentability as defined in 37 CFR § 1.56(b). The Examiner is requested to consider the documents in the examination of this application.

Accompanying this statement is a Form PTO-1449 in duplicate on which the documents are listed. The Examiner is requested to return an initialed and signed copy of the form once the documents have been considered.

EXPRESS MAIL CERTIFICATION UNDER 37 CFR §1.10

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail mailing label no. EF278934227US Date of Deposit October 20, 2003  
Typed/printed name Michael Mitchell Signature Michael Mitchell

## U.S. PATENT DOCUMENTS

<u>Document Number</u>	<u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>
4,866,430	09/1989	Chek	340	782
5,570,421	10/1996	Morishima	379	396
6,297,621	10/2001	Hui et al.	323	222
6,304,467	10/2001	Nebrigic	363	49
6,603,342	08/2003	Liao et al.	327	487
2002/0105487 A1	08/2002	Inoue	345	82

## OTHER DOCUMENTS

<u>Details of Document</u>
Maxim Integrated Products datasheet, MAX682, MAX683, MAX684, "3.3V-Input to Regulated 5V-Output Charge Pumps", 19-0177; Rev. 1, August 1998.
Fairchild Semiconductor datasheet, FAN5609, "LED Driver with Adaptive Charge Pump DC/DC Converter", Rev. 1.0.2, May 30, 2003.
Tyco Electronics Corporation datasheet, RYC9901, "High-Power Multi-LED Boost", SCD 25493, Rev. B, July 24, 2003.
Israel Schleicher, "LED Drive Delivers Constant Luminosity", Electronic Design News, p. 88, June 12, 2003.

Copies of Documents

In accordance with the Notice dated July 11, 2003, waiving the requirement under 37 CFR § 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each cited U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, no copies of the documents (which all fit into those categories) are being submitted. Copies will be sent on request. Copies of the remaining documents are included.

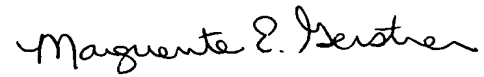
Fee

Applicants believe that because this Disclosure Statement is being submitted at the time of filing this application, no fee is due. If this is incorrect, please charge any necessary fee to Deposit Account No. 18-0560.

Conclusion

The Examiner is asked to call the undersigned if there are any questions.

Respectfully submitted,

A handwritten signature in cursive script, reading "Marguerite E. Gerstner".

Marguerite E. Gerstner  
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<b>FORM PTO-1449</b> (Rev 8/83)  <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	Atty. Docket No.:	Appl'n No.:
	MP1740-US1	As yet unknown
	Applicant:	
	Latham II et al.	
	Filing Date:	Group:
	Herewith	As yet unknown

**US PATENT DOCUMENTS**

* Exr. initial	Document number	Date	Name	Class	Sub-class	Filing date (if appropriate)
	4,899,430	09/1989	Chek	340	782	
	5,570,421	10/1996	Morishima	379	396	
	6,297,621	10/2001	Hui et al.	323	222	
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	6,603,342	08/2003	Liao et al.	327	487	
	2002/0105487	08/2002	Inoue	345	82	

**FOREIGN PATENT DOCUMENTS**

* Exr. initial	Document number	Date	Country	Class	Sub-class	Translation enclosed (?)

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

Exr. initial	Details of Document	Translation enclosed (?)
	Maxim Integrated Products datasheet, MAX682, MAX683, MAX684, "3.3V-Input to Regulated 5V-Output Charge Pumps", 19-0177; Rev. 1, August 1998	
	Fairchild Semiconductor datasheet, FAN5609, "LED Driver with Adaptive Charge Pump DC/DC Converter", Rev. 1.0.2, May 30, 2003	
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	Israel Schleicher, "LED Drive Delivers Constant Luminosity", Electronic Design News, p. 88, June 12, 2003	

Examiner's signature	Date considered
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\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.